



**RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD.**

[Corporate Identity Number(CIN): U40109RJ2000SGC016485]

REGD. Office Vidhyut Bhawan Jyoti Nagar Jaipur 302005

Office of the ASSISTANT ENGINEER, 132KV Grid Sub Station, RVPN, NPH Jodhpur

email: [aen.132.nphjodhpur@rvpn.co.in](mailto:aen.132.nphjodhpur@rvpn.co.in)

No. RRVPN/AEN/132kV GSS/NPH/Works./F...../D.

34

DATE: 27.04.17

To,

All the Registered Contractors, Jodhpur (T&C) Zone  
Notice board of 132kV GSS New Power House, Jodhpur.

**Sub: Maintenance of Switchyard and Bay Equipments at 132kV GSS New Power House, Jodhpur as per the G-Schedule for the year 2017-18**

With reference to above subject, this office is interested in the Switchyard and Bay Equipment Maintenance for One Cycle for the year 2017-18 at 132kV GSS New Power House Jodhpur as per the G Schedule enclosed. The above work is to be carried out on CLRC basis and the work has to be completed before 15 July 2017.

All the registered contractors interested in performing the above work, kindly send your concern within 15 days.

Thanking you.

*Vijandora*  
ASSISTANT ENGINEER  
132 KV GSS NEW POWER HOUSE, JODHPUR

**Copy submitted to the following for information:**

- (1.) The Superintending Engineer (T&C), RRVPNL, Jodhpur.
- (2.) The Executive Engineer (220) RVPNL, Jodhpur.
- (3.) The Feeder Manager, RRVPNL, Jodhpur.

*Vijandora*  
ASSISTANT ENGINEER  
132 KV GSS NEW POWER HOUSE, JODHPUR

# RAJASTHAN RAJYA VIDHYUT PRASARAN NIGAM LTD

## OFFICE OF THE ASSISTANT ENGINEER 132 K.V G.S.S RVPN NPH JODHPUR

G-schedule for Maintenance of Bay equipments for the year 2017-18 ASSISTANT ENGINEER 132KV G.S.S RVPN NPH JODHPUR

S. No.	Particulars	No. of bays	Total bays	Frequency of maintenance to be done in a year	Rate as per BSR 2011 for each bay	Amount as per BSR-2011 Rates
1	<p>Providing of work assistance as given below in Maintenance work of following bay equipments such as Circuit Breaker, Current Transformers, Lightning Arresters, Isolators, CVTs, PLCC equipments and corresponding Control &amp; Relay panel. (All spares, lubricating material and only special T&amp;P shall be provided by RVPN. Cleaning material and general T&amp;P shall be arranged by the contractor.)</p> <p>a. Checking of tightness of clamps &amp; connectors.                      b. Cleaning of all insulators.                      c. Attending to oil leakage, if any.                      d. Cleaning of all junction boxes and secondary terminal boxes.                      e. Checking of operation of CB through relays and verifying various logic and control circuits and annunciation circuits.                      f. Measurement of CB operation timings.                      g. Checking of isolator operation and its alignment.                      h. Checking of gas pressures like SF6 &amp; N2 in circuit breakers/CTs etc.                      i. Measurement of IR values of LAs, CB and CVTs.                      j. Lubrication of defined parts of all equipments of all required points.                      k. Washing the equipments, in case oil stains are present, then washing is to be done with use of detergent solution.                      l. Cleaning of C&amp;R panel from inside.                      m. Providing other related work assistance as may be required by in charge.</p>					
	1.132KV BAY	12	12	1	1892	22704
	2. 33 KV Bay	18	18	1	1666	29988
	3. 11 KV Bay	11	11	1	1666	18326
<b>TOTAL</b>						<b>71018</b>
<b>TOTAL 1</b>						<b>71018</b>

G-schedule for Maintenance of Bay equipments for the year 2017-18 ASSISTANT ENGINEER 132KV G.S.S RVPN NPH JODHPUR

S. No.	Particulars	No. of Transformer NPH Jodhpur	Total No of Transformer	Frequency of maintenance to be done in a year	Rate as per BSR 2011 for each bay	Amount as per BSR-2011 Rates

*Vijendra*  
 AEN 132KV  
 G.S.S., N.P.H.  
 R.R.V.P.N.L., JODHPUR



b. Replacements of worn out c lamps & connectors of bus during work under item No. (a)  
 c. Cleaning of all insulators of suspension and tension strings of Bus Bars and insulators of Bus isolators, Bus CVTs/PTs.  
 d. Checking of operation of bus isolators and their alignment including motorized operation.  
 e. Maintenance of operating mechanism & switches etc..  
 f. Lubrication of all moving parts.  
 g. Providing of other related work assistance as may be required by work in charge.

2. 132 KV Bus Bar	5	5	1	1446	7230
3. 33 KV Bus Bar	8	8	1	1351	10808
4. 11 KV Bus Bar	4	4	1	1351	5404

**TOTAL in Rs.**

**23442**

**TOTAL 3**

**23442**

<b>Total (1+2+3)</b>	<b>103328</b>
<b>Premium at 60%</b>	<b>61997</b>
<b>Grand Total</b>	<b>165325</b>

**Say Rs. One Lac Sixty Five Thousand Three Hundred Twenty Five Only**

*Vignesh*  
 AEN 132KV  
 G.S.S., N.P.H.  
 R.R.V.P.N.L., JODHPUR